

WEALTH MARKETS AND COMMERCE

A SPECIAL
LETTER NO. 78
ON

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of audit of our books by Loomis,
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ants, we have just issued

Market Outlook 333

giving our views as to the present up-
ward movement, prosperity during and
after the war, U. S. Steel, etc., with
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FINANCIAL MEETINGS.

CHICAGO, SAINT PAUL, MINNEAPOLIS
AND OMAHA RAILWAY CO.
NOTICE OF ANNUAL MEETING.
The Annual Meeting of the stockholders
of the Chicago, Saint Paul, Minneapolis
and Omaha Railway Company will be held
at the office of the company, in the city of
Chicago, Illinois, on Thursday, October 12,
1916, at nine o'clock A. M. for the election
of directors and the transaction of such
other business as may come before said
meeting.

Transfer books will be closed on Mon-
day, September 25, 1916, at the close of
business on that day, and will be reopened
on Saturday, October 21, 1916.
Dated, September 1, 1916.
JAMES T. CLARK, President.
JOHN D. CALDWELL, Secretary.

Chicago and North Western Railway Co.
NOTICE OF ANNUAL MEETING.
The Annual Meeting of the stockholders
of the Chicago and North Western Railway
Company will be held at the office of the
company, 225 West Jackson Boulevard,
Chicago, Illinois, on Thursday, October 12,
1916, at eleven o'clock A. M. for the election
of directors and the transaction of such
other business as may come before said
meeting.

Transfer books will be closed on Monday,
September 18, 1916, at the close of business
on that day, and will be reopened on Fri-
day, September 22, 1916.
Dated, September 1, 1916.
JOHN D. CALDWELL, Secretary.

LEGAL NOTICE.

STATE OF NEW YORK—OFFICE OF
THE SECRETARY OF STATE.
NOTICE TO CREDITORS. In the matter of
the estate of GRACIE K. SWAN, deceased.
The principal place of business of said
estate is located at 100 Broadway, New York
City, County and State of New York.
WITNESSES my hand and the seal of
the office of the Secretary of State at
Albany, this 21st day of August, one thousand nine
hundred and sixteen.
C. W. TAFT,
Second Deputy Secretary of State.

Representatives of the Entente
Powers are buying horses at National
stockyards, Illinois, at the rate of 800
a week. Since the war started it is
estimated that 219,000 horses have been
sold to the Allies, at a cost of \$39,
600,000.

Finance - Economics

GARET GARETT, Editor.

WALL STREET OFFICE:
Mills Building, 15 Broad St.

Telephone:
Hanover 6514.

Saturday, August 28, 1916.

Again, after a week of rising prices and enormous activity on the New York Stock Exchange, the Clearing House banks on Saturday reported a large gain in surplus reserve. It takes a great deal of credit to finance a speculation such as is now in progress in Wall Street, but what people seem to fear is that the supply of stocks will be exhausted while yet there is the credit to buy them. There may not be stocks enough to go around; but of credit there is a vast amount. The Federal Reserve Bank system ought to be impounding gold and taking other steps to remove from people the temptation to abuse cheap and excessive credit. Instead, the members of the Federal Reserve Board delight to picture this country as a financial Eden. People have been delivered forever from the danger of Panics. "We can never, under the Federal Reserve system, have a currency famine," says Charles S. Hamlin. Why, no. The production of paper currency presents only technical and mechanical difficulties. But what of credit? Apparently that is inexhaustible also. Mr. Hamlin says: "Never again in this country will the business man who deserves credit be turned down." Add to this the McAdoo doctrine that every American citizen who does not own a bank is entitled to the use of credit, and you have the whole delusion.

Allow for the fact that owing to the stamp tax and to the moral disapproval of the Stock Exchange there is less pure swapping of stocks between professional traders on the floor than was formerly included in the record of million-share days, and the assertion will stand that the stock market of the last two weeks has been the widest and biggest in the history of Wall Street. The biggest stock has furnished the most excitement, namely, United States Steel common. Never before was there such a market in one stock, on the New York Stock Exchange or perhaps anywhere else in the world, as existed last week in Steel common. This has to be proved not by the transactions alone, which were 1 1/4 million shares, nor by the rise in the price, which was 9 1/4 points, but by the testimony of those who were in it and who by long experience know a market by a sense of feeling. There was a market on which you could buy or sell at any time practically an unlimited quantity of stock without let or hindrance. It was, in fact, what your Stock Exchange expert calls a natural market. That is one which is neither created nor influenced by manipulation; it is one produced entirely by the rational, irrational, conscious and unconscious reactions of thousands of people with their attention focussed on one dazzling and rapidly revolving object. It is a much more fascinating thing to watch than a hand made market, which is a game between the manipulator on one side and the public on the other. It is a game in which the gambling public always loses. More important is the fact that it is a game in which the manipulator ultimately loses, too. There is no profit in gambling. Therefore, the distinction between a natural and a manipulated stock market is technical and not moral. Gambling in one will ultimately be as unprofitable as in the other. And this present natural stock market has its full content of pure gambling.

The present bull campaign in the stock market is now entering upon its second month. It seems to gather momentum as it proceeds. Million share days are no longer a novelty. There have been fifteen consecutive sessions in which dealings have exceeded the million share mark. The average price of the leading industrial shares has risen from 95 to 101; the rails from 119 to 122. Some of the more important industrials have registered extreme gains. United States Steel, for instance, has risen more than 25 points within a period of four weeks.

Curiously enough the beginning of the current upturn in the stock market, with its accompanying large expansion in speculative activity, dates back to mid-August, when the \$250,000,000 British loan was brought out. The coincidence is interesting. Of the \$300,000,000 collateral pledged behind the loan, \$100,000,000 consisted of American railroad and industrial stocks and bonds. The pawning of these securities took them off the market temporarily. The British in the terms of the loan retained the right of substitution. In other words, they could withdraw such collateral as they might wish to sell and substitute other collateral for it. No one but the bankers can say whether this has been done. As a matter of

fact, the list of stocks in the collateral behind the loan contains none of the big speculative leaders in the present market. United States Steel common is conspicuous by its absence. About the only important industrial common stock in the list is American Sugar. Most of the other industrial stocks are in the preferred class. On the other hand, there are such well known railway shares in the list as Union Pacific, Baltimore & Ohio and New York Central, Pennsylvania and Northern Pacific, which have enjoyed relatively small advances. While Steel has been advancing 25 points, Union Pacific has moved up 8 points, New York Central 4, and Baltimore & Ohio 2.

Money and Credit

The actual condition of the New York Clearing House banks on Saturday was as follows:

Loans and discounts.....	\$3,315,613,000
Reserve in own vaults.....	450,051,000
Reserve in Federal Reserve Bank.....	177,039,000
Reserve elsewhere.....	54,382,000
Net demand deposits.....	\$2,393,755,000
Net time deposits.....	168,378,000
Circulation.....	31,175,000

Aggregate reserve..... \$681,482,000
Excess reserve..... 114,134,130

The changes from the actual condition of the week before were:

Loans and discounts.....	Inc. \$14,255,000
Reserve.....	Inc. 33,316,000
Net demand deposits.....	Inc. 49,107,000
Net time deposits.....	Dec. 2,040,000
Circulation.....	Dec. 132,000
Surplus reserve.....	Inc. 25,186,180

The increase of \$14,255,000 in the loan item was not unexpected in view of the large scale of activity in the stock market during the week. As a matter of fact, a larger increase would not have surprised. An increase of \$25,186,000 in surplus reserves was the largest since July 15.

New York Federal Reserve Bank.—The condition of the Federal Reserve Bank of New York at the close of business Friday, compared with the previous week, follows:

Resources.	Sept. 22.	Sept. 15.
Gold reserve.....	\$169,951,365	\$167,154,830
Legal tender money.....	2,316,475	2,116,828
Total reserve.....	\$172,267,840	\$169,271,658
Discounts.....	27,802,070	28,708,723
Investments.....	9,245,297	9,480,298
Federal Reserve notes (net).....	14,618,120	13,842,515
All other resources.....	299,745	292,344
Total resources.....	\$224,233,072	\$221,595,539

Liabilities.	Sept. 22.	Sept. 15.
Capital.....	\$11,600,700	\$11,600,700
Reserve deposits (net).....	201,715,571	191,463,831
Gov't deposits.....	4,870,644	5,886,819
Due to other Federal Reserve banks (net).....	6,046,158	12,654,189
Total liabilities.....	\$224,233,072	\$221,595,539

Federal Reserve Banks.—An increase for the week of about \$1,000,000 in the bank's combined gold reserves and of about \$750,000 in the aggregate cash reserves is indicated by the weekly bank statement of the Federal Reserve Board, made public to-day. Considerable shiftings of gold between the banks are shown to have taken place during the last week, largely through transfers on the books of the Gold Settlement Fund. Gains of gold are reported by the New York, Philadelphia and San Francisco banks. In the case of the New York bank the gain in gold reserve is due in part to increased deposits and the liquidation of acceptances and Treasury notes.

Transactions in United States securities are reported by three banks, resulting in an increase of \$638,000 in the amount of United States bonds and a decrease of \$1,000,000 in the amount of one-year Treasury notes held.

Government deposits show a net decrease for the week of about \$250,000. New York and St. Louis reporting considerable withdrawals of government funds. Net member bank deposits increased over \$4,000,000, the larger gain reported by the New York bank being offset to some extent by substantial net withdrawals from the Chicago and Dallas banks.

Federal Reserve bank notes in circulation decreased about \$300,000 during the week. Federal Reserve agents report a total of \$299,778,000 of notes issued, an increase of \$7,248,000 of the week. Against this total they hold \$193,109,000 of gold and \$178,811,000 of paper. The banks' reports indicate a total circulation of Federal Reserve notes of \$101,835,000. Their aggregate liabilities on notes issued by the agents is stated as \$14,600,000.

The Federal Reserve Board's statement of the combined resources and liabilities of the twelve reserve banks on September 15 follows:

RESOURCES.	Value.
Gold coin and certificates in vault.....	\$258,711,000
Gold settlement fund.....	117,791,000
Gold redemption fund with U. S. Treasury.....	1,941,000
Total gold reserve.....	\$378,443,000
Legal tender notes, silver, etc.....	7,642,000
Total reserve.....	\$386,085,000

Five per cent redemption fund against Federal Reserve bank notes.....	500,000
Bills discounted and bought: Treasuries within 10 days.....	24,378,000
From 11 to 30 days.....	24,238,000
From 31 to 60 days.....	37,893,000
From 61 to 90 days.....	23,994,000
Over 90 days.....	1,487,000
Total.....	111,590,000

INVESTMENTS.	Value.
United States bonds.....	47,553,000
One year United States Treasury notes.....	8,039,000
Municipal warrants.....	24,137,000
Total earning assets.....	191,319,000
Federal Reserve notes, net.....	16,080,000
Due from Federal Reserve banks, net.....	29,266,000
All other resources.....	8,451,000
Total resources.....	\$631,701,000

LIABILITIES.	Value.
Capital paid in.....	\$55,423,000
Government deposits.....	39,947,000
Member bank deposits, net.....	518,455,000
Federal Reserve notes, net.....	14,605,000
Federal Reserve Bank notes in circulation.....	2,914,000
All other liabilities.....	356,000
Total liabilities.....	\$631,701,000

Gold reserve against net deposit and note liabilities, 69.6 per cent.
Cash reserve against net deposit and note liabilities, 71 per cent.
Cash reserve against net deposit liabilities after setting aside 40 per cent gold reserve against aggregate net liabilities, on Federal Reserve notes in circulation, 71.9 per cent.

Bank Exchanges.—The day's clearings at New York and other cities: New York..... \$569,248,990
Boston..... 32,246,250
Philadelphia..... 45,516,759
Sub-Treasury.—New York banks gained from Sub-Treasury \$1,944,000. Silver.—Bars in London, 72 1/2 pence; in New York, 68 1/2 cents; Mexican dollars, 82 1/2 @ 85 1/2 cents.

The Dollar in Foreign Exchange

Fluctuations in the foreign exchange market during the week were, as a rule, narrow and bore no special outward significance. Sterling rates were again maintained at the so-called "peg" prices, with practically no changes of importance. French bills continued to display firmness, while German exchange exhibited a somewhat better tone, selling from 69 1/2 cents to 70 1/2 cents for four marks. In the middle of the week Russian exchange developed strength, but a large part of the advance was subsequently lost.

If you calculate the cost of the dollar in terms of foreign money—that is, as if you were buying dollars with pounds, marks or francs—its value at the close of last week as compared with a year ago would be about as follows:

Cost of one dollar.	Yesterday.	Year ago.
In English money.....	\$1.02	\$1.03
In French money.....	1.12	1.14
In Dutch money.....	.99	1.04
In German money.....	1.36	1.18
In Swiss money.....	1.02	1.03
In Swedish money.....	.95	1.03
In Russian money.....	1.59	1.51

The market was quiet yesterday and rates were little changed from the preceding day.

	Yesterday.	Week ago.
Sterling, demand.....	4.75 1/2	4.75 1/2
Sterling, sixty days.....	4.71 1/2	4.71 1/2
Sterling, ninety days.....	4.69 1/2	4.69 1/2
France, demand.....	5.85 1/2	5.85 1/2
France, sixty days.....	5.81 1/2	5.81 1/2
Guillemers, checks.....	40 1/2	40 1/2
Guillemers, cables.....	70 1/2	70 1/2
Reichsmarks, checks.....	6.46	6.45
Life, cables.....	6.45 1/2	6.44 1/2
Swiss, checks.....	5.33 1/2	5.32 1/2
Swiss, cables.....	5.32 1/2	5.32
Austrian kronen, checks.....	12.05	12.05
Copenhagen, kr., checks.....	28.50	28.50
Copenhagen, kr., cables.....	28.50	28.50
Penagos, checks.....	20.13	20.14
Rubles, checks.....	32.30	31.90

Below is given the current exchange value of foreign money in dollars and cents, together with the intrinsic gold parity as calculated by the United States Mint:

	Current exchange value.	Intrinsic value.
Pounds, sterling.....	\$4.75 1/2	\$4.86 2/3
France.....	0.17	0.19 1/2
Guillemers.....	0.40 1/2	0.40 1/2
Marks.....	0.17 1/2	0.23 1/2
Rubles.....	0.32 3/4	0.31 1/2
Lire.....	0.15 1/2	0.19 1/2
Crowns (Denmark).....	0.28 3/4	0.26 1/2

The above rates express the cost of foreign money in terms of the American dollar. You buy an English pound sterling for \$4.75 1/2; the intrinsic parity is \$4.86 2/3 per pound. Thus, you say either that pounds are at a discount or that dollars are at a premium, which is owing to the fact that in England the demand for dollars with which to settle accounts in this country is greater than the demand in this country for pounds with which to settle accounts in England.

Sweden's Lumber Industry.

Lumber, wood-pulp and their manufactures make up nearly half the total exports of Sweden. The state-owned forests show a net profit of approximately \$3,000,000. The Swedish lumbering industry is conducted scientifically and is under rigid supervision. Timber cutting for sale may not be undertaken before the state foresters have marked each tree ripe for sale, and only a certain number are marked, so as not to endanger the future of the industry.

Diamond Industry Reviving.

There are indications of an early revival of the South African diamond industry, which has been closed down since the beginning of the war. The directors of the Premier Mine, near Pretoria, recently decided to start work again on a small scale, limited to about 25 per cent of the normal operations.

\$125,000,000 OF COPPER IN ONE WAR CONTRACT

The Largest Single Commodity Order in History of Modern Industry.

What is believed to be the largest single order ever placed for a single commodity in the history of the world was officially announced yesterday. This was a contract calling for delivery of 448,000 pounds, or 200,000 long tons, of copper to Great Britain, France, Russia and Italy during the first six months of 1917. The sellers are leading American producers represented by the United Metals Selling Company and the American Smelting and Refining Company.

The cost of the metal will be approximately \$125,000,000. The price agreed upon was between 26 and 27 cents a pound, which is a little under the open market quotations for 1917 copper. The contract has been under negotiation since the early summer. Men in the trade declared yesterday that if it had been consummated a few months ago Great Britain, who is acting in the transaction for the Allies, could have obtained the copper several cents per pound cheaper.

The placing of the order not only spells further prosperity for the leading copper companies of the country, but also means that corresponding demands will be made upon industries such as steel, nickel and zinc, all of which are used in the manufacture of shells.

The order will call for 25 per cent of the country's entire refining output from January to July, 1917, and will make copper metal much scarcer so far as domestic needs are concerned. During the six months' period up to June 1 of this year the purchases of England, France and Russia in this market totaled approximately 450,000 pounds, according to figures compiled by Dow, Jones & Co. In that period two single orders for 100,000 pounds, the other for 150,000 pounds—were placed.

These figures indicate that the total copper purchases of the Allies in this country since the first of the year have aggregated 900,000 pounds, involving an expenditure of some \$230,000,000.

Some interesting facts on the copper refining capacity of the country are presented in the current number of "The Engineering and Mining Journal."

It is well known that the production of crude copper has increased in 1916 to a larger extent than has that of refined copper, pointing out that the lag in the latter has been due to inability to increase quickly the refining capacity which throughout the year has been taxed to the utmost. On January 1, 1916, according to this authority, the electrolytic refining of the United States reported an aggregate capacity at the rate of 1,871,000 pounds of copper per annum, or about 156,000 pounds per month. Adding 250,000 pounds per month for the copper that is refined otherwise and for what is marketed as pig, total capacity for the production of refined copper was placed at 174,000 pounds per month. On September 1, 1916, the refining reported an aggregate capacity of 2,113,000 pounds per annum, and at that date there was construction going on at four refineries which was figured as adding about 220,000 pounds a year to the capacity of the United States.

Shares of the leading copper companies listed on the Stock Exchange, buoyant of late on reports that a record contract was pending, showed further advances yesterday. Utah and Anaconda were the leaders in the rise, with gains of 5 1/4 and 2 1/4 points, respectively. Both reached new high record prices.

FOREIGN TRADE OF CANADA FLOURISHES

The Excess of Exports in Four Months Over \$200,000,000.

By S. ROY WEAVER.
Toronto, September 22.

The reduction in Canadian importations of foreign products—partly voluntary, but more largely enforced by war's interference with commerce—and the great expansion in exports from the Dominion have strengthened Canada's ability to absorb its own war issues. For four months of the fiscal year ending July 31 exports of merchandise exceeded imports by \$224,104,210. Excluding from the totals coin and bullion, which are exceptional owing to special transactions between the imperial and Canadian governments, and therefore not an indication of the trend of commerce, the following figures give an idea of the flourishing condition of Canada's foreign trade:

	Aug. 1, '16.	Aug. 1, '15.
Imports: to July 31, '16 to July 31, '15.....	\$62,886,550	\$419,376,856
Exports: Can. prod.....	\$832,787,641	\$451,020,541
For. prod.....	118,822,047	48,851,781
Total mde.....	\$1,081,609,731	\$499,872,322

While extravagance usually accompanies national prosperity even in war time, monthly bank statements show that the Canadians have saved a good share of their war profits. On August 31, 1916, the chartered banks held deposits by the public aggregating \$1,026,802,800. On July 31, 1916, those deposits amounted to \$1,221,322,107. In the intervening eleven months the people of the Dominion increased their deposits with the banks by \$194,719,307, in addition to paying up the first war loan of \$100,000,000. Part of the gain was derived from the loan itself, because the money was lent in Canada for supplies and services.

AMERICA EQUIPPING WORLD'S RAILROADS

Car and Locomotive Builders Swamped by Foreign Orders.

Announcement in The Tribune last Friday that the steel mills of the country are confronted with prospective orders from the Allied governments of approximately 1,000,000 tons, the bulk of which is intended for the manufacture of railroad equipment, has brought forth an interesting explanation of the big increase in foreign inquiries. This is made by Charles M. Muchnic, manager of the foreign department of the American Locomotive Company.

"While the Entente Powers," said Mr. Muchnic yesterday, "were supplied with enough railroad equipment to carry them through the early period of war, the terrific wear and tear caused by the transportation of troops and the conversion of practically all the equipment plants into makers of munitions exclusively have compelled the Allies, particularly France and Russia, to come to American manufacturers for large numbers of locomotives and cars, as well as rails and other railroad supplies."

Mr. Muchnic estimated that the total foreign inquiries pending in this market, in addition to orders already placed, have a value of between \$110,000,000 and \$125,000,000. Besides France and Russia, Finland and Spain want large tonnages of railroad equipment from American manufacturers.

The American Locomotive Company's expert predicted that the foreign demand for our railroad equipment will continue for at least a year after the end of the war. In the interim, he said, Belgium probably will be added to the list of Allied countries to enter this market as buyers of locomotives, cars and supplies, as the Germans wrought destruction of the railroads and commandeered much of the equipment when they entered the country. Germany must be driven out of Belgium and Northern France, however, before this new influx of orders will be felt, Mr. Muchnic said. Concerning post-bellum conditions he added:

"Within a year or two after the war is ended Europe should be able to provide most of its own equipment, but American manufacturers need not fear any great slackening in the foreign demand, because new markets are constantly opening up in South America, China and Africa. Sales to those countries, in my opinion, will prove to be an important offset to the loss of business that must necessarily follow a cessation of hostilities in Europe."

In addition to the unprecedented foreign demand for railroad equipment, domestic business, Mr. Muchnic said, has shown a big improvement during the past few months. With their record earnings the equipment companies are placing themselves in an excellent position to meet foreign competition after the war.

\$15,000,000 FRENCH CREDIT COMPLETED

Bankers Announce Closing of the Participation Syndicate.

William P. Bonbright & Co., syndicate managers, announced yesterday the closing of the American syndicate participating in the \$15,000,000 French credit arranged by them last week. Like the two earlier credits of similar amounts negotiated by the bankers in conjunction with the Bankers Trust Company, the loan is to be utilized by drafts drawn by French banking houses on American banks.

The drafts are then either held by the banks themselves or sold, or, if desired, they may be rediscounted in the Federal Reserve banks. The proceeds then are available in dollars and will be expended only for American products exported to France. The drafts and their three renewals run for one year, and their payment at maturity is provided for not only by the obligation of the French banks drawing the drafts, but also by pledge to Bonbright & Co. of French government one-year notes of identical maturities. Their official statement is offered:

Owing to the form of credit, represented as it is by bank drafts and not by definitive securities, the credit will be entirely supplied by American banks, and there will be no public offering or distribution. The drafts are an attractive form of liquid investment for the principal American banks owing to their availability for rediscount in the Federal Reserve System. The American managers report that the credit was much oversubscribed.

KANSAS CITY THE MECCA FOR BANKERS

American Association Will Be in Session This Week.

Important banking and financial development of the last year will come up for discussion at the annual convention of the American Bankers' Association which will open Monday at Kansas City. The meeting will continue in session for the remainder of the week.